

### IN THE SPECIFICATION

Please amend the specification as follows:

On page 8, line 10, Equation 3:

$$[[p_{n0}]] p_0 = p_n + d_n \quad \text{Eq. 3}$$

On page 14, line 23, Equation 12:

$$\begin{aligned} GS(D_{lm}, (S_l(t), S_m(t))) \\ S_l(t) = 1 - t, \\ S_m(t) = t. \end{aligned} \quad \text{Eq. 12}$$

On page 15, line 10, Equation 13:

$$\begin{aligned} \underline{GS}(S_l(t), S_m(t)) &= (1 - t, t) = (1 - t(n), t(n)) \\ t(n) &= \frac{n}{N + 1}, (0 < n < N + 1) \end{aligned} \quad \text{Eq. 13}$$

On page 15, line 14, Equation 14:

$$\begin{aligned} \underline{GS}(S_l(t), S_m(t)) &= \frac{1}{s(1 - t) + t} (s(1 - t), t) \\ &= \frac{1}{s(1 - t) + t} (s(1 - t(n)), t(n)) \\ t(n) &= \frac{n}{N + 1}, (0 < n < N + 1) \end{aligned} \quad \text{Eq. 14}$$

On page 17, line 12, Equation 16:

$$D(t) = GS(\bar{D}, (S_l(t), S_m(t))) = GS(\bar{D}, 1 - t, t)[\{\}] \quad \text{Eq. 16}$$

On page 18, line 3, Equation 18:

$$\begin{aligned}
 (1-t)A_0 \oplus tA_1 &= DM^{-1}(GS((DM(A_0) + DM(A_1)), (1-t, t))) \\
 &= DM^{-1}(GS(D_0) + D_1, (1-t, t)) \\
 &[[= DM^{-1}(GS(D, (1-t, t)))] \\
 &= \underline{DM^{-1}(GS(\bar{D}, (1-t, t))]} \\
 &[[= DM^{-1}(\bar{D}(t))]] \\
 &= \underline{DM^{-1}(D(t))} \\
 &= A(t)
 \end{aligned}$$

Eq. 18

On page 19, line 1, Equation 19:

$$\begin{aligned}
 \cancel{N(DM(A(t)))} &= \cancel{N(DM(DM^{-1}(DA(t))))} \\
 \underline{N(DM(A(t)))} &= \underline{N(DM(DM^{-1}(D(t))))} \\
 &= N(D(t)) \\
 &= N(\bar{D})
 \end{aligned}$$

Eq. 19

On page 20, line 18, Equation 22:

$$\begin{aligned}
 &[[ A(t) = DM^{-1}(SG(\underline{D}, (B_0^M, \dots, B_M^M(t)) ) ] \\
 &\underline{A(t) = DM^{-1}(SG(\bar{D}, (B_0^M, \dots, B_M^M(t))))} \\
 &[[ \underline{D} = \sum_{i=0}^M DM(A_i) = \sum_{i=0}^m D_i ] ] \\
 &\underline{\bar{D} = \sum_{i=0}^M DM(A_i) = \sum_{i=0}^m D_i} \\
 &B_i^M(t) = \binom{M}{i} t^i (1-t)^{M-i}
 \end{aligned}$$

Eq. 22